



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/073,929	02/14/2002	Toshiki Kawasome	6304.620	5326
7590	01/23/2006			
Joseph W. Berenato, III Liniak, Berenato, Longacre & White, LLC Ste. 240 6550 Rock Spring Drive Bethesda, MD 20817			EXAMINER SHANKAR, VIJAY	
			ART UNIT	PAPER NUMBER
			2673	

DATE MAILED: 01/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/073,929

Applicant(s)

KAWASOME, TOSHIKI

Examiner

VIJAY SHANKAR

Art Unit

2673

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 June 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-30 are rejected under 35 U.S.C. 102(b) as being anticipated by Arai et al (5,300,927).

Regarding Claims 1,16,24, Arai et al teaches an input system comprising: a first input device (element 4 as Digitizer in fig.15) for specifying a position on a display screen, which is connected to a computer for executing an application program and for displaying a processing object area of the application program on the display screen, the first input device configured for being controlled by a user's dominant hand (Figs.1,15-16; Column 7, line 26-59; Column 2, line 22- Col.3, line 34); a second input device (element 54 as mouse in fig.15) differing from said first input device, the second input device configured for being controlled by a user's non-dominant hand (Figs.1,15-16; Column 7, line 26-59; Column 2, line 22- Col.3, line 66);

an instruction set for instructing a change in a display state of the processing object area on the display screen while the application program is being executed by the first input device, in response to an operation of said second input device; wherein the instruction set includes an emulator generating an instruction signal compatible with the application program executed by the computer, and wherein the instruction signal is responsive to an operation of the second input device (Figs.1,15-16; Column 7, line 26-59; Column 2, line 22- Col.4, line 65).

Regarding Claims 2,17,25, Arai et al teaches the input system wherein said instruction set instructs a change of a relative position of the processing object area with respect to the display screen in response to an operation of said second input device . (Figs.1,15-16; Column 7, line 26-59; Column 2, line 22- Col.3, line 65).

Regarding Claims 3,18,26, Arai et al teaches the input system wherein said instruction set instructs a change of a display magnification ratio of the processing object area displayed on the display screen in response to an operation of said second input device. (Figs.1,15-16; Column 2, line 22- Col.4, line 65).

Regarding Claims 4,19,27, Arai et al teaches the input system wherein said instruction set instructs a change of a display size of an object contained within the processing object area displayed on the display screen in response to an operation of said second input device. (Figs.1,15-16; Column 2, line 22- Col.4, line 65).

Regarding Claims 5,20,28, Arai et al teaches the input system wherein said instruction set instructs an editing process for the processing object area displayed on the display screen in response to an operation of said second input device. (Figs.1,15-16; Column 2, line 22- Col.4, line 65).

Regarding Claims 6,21,29, Arai et al teaches the input system wherein said instruction set generates an instruction signal compatible with the application program executed by the computer, wherein the instruction signal corresponds to an operation of said second input device. (Column 2, line 22- Col.4, line 65).

Regarding Claim 7, Arai et al teaches the input system wherein said first input device is selected from the group consisting of a mouse, a trackball, a touch pad and a pen tablet (Figs. 1, 15-16).

Regarding Claim 8, Arai et al teaches the input system wherein said second input device differs from said first input device and said second input device is selected from the group consisting of a scroll wheel, a trackball, a touch pad, a key switch and a combination input device. (Figs.1,15-16).

Regarding Claim 9, Arai et al teaches the input system wherein said combination input device comprises a wheel operation section, a ball operation section, and a key switch operation section containing a plurality of key switches thereon. (Figs. 1,15-16).

Regarding Claim 10, Arai et al teaches the input system wherein said second input device is selected from the group consisting of a scroll wheel, a trackball, a touch pad, a key switch and a combination input device. (Figs.15-16).

Regarding Claim 11, Arai et al teaches the input system wherein said combination input device comprises a wheel operation section, a ball operation section, and a key switch operation section containing a plurality of key switches thereon. (Figs.15-16).

Regarding Claim 12, Arai et al teaches the input system wherein a third input device (72 in fig.15), differing from the first and second input devices, is connected to the computer. (Figs.15-16).

Regarding Claim 13, Arai et al teaches the input system wherein said third input device is a keyboard (72 in Fig.15).

Regarding Claim 14, Arai et al teaches the input system wherein a fourth input device, differing from the first, second and third input devices, is connected to the computer. (Figs.15-16).

Regarding Claim 15, Arai et al teaches the input system wherein said fourth input device is a keyboard. (72 in fig.15).

Regarding Claim 22, Arai et al teaches the recording medium having stored thereon a program. (Figs.1,15-16).

Regarding Claim 23, Arai et al teaches the computer storage device, comprising: a storage medium with programs and data associated with the programs stored thereon, the programs and data readable by a central processing unit in a computer; and a recording medium for recording programs and data onto the storage medium. (Figs.1,15-16; Column 7, line 26-59; Column 2, line 22- Col.4, line 65).

Regarding Claim 30, Arai et al teaches a computer system, comprising: a computer (Figs.1,15-16); a display screen connected to said computer, wherein a processing object area of an application program usable by said computer is displayed on said display screen (Figs.1,15-16); a first input device (element 4 as Digitizer in fig.15) connected to said computer, said first input device for specifying a position on said display screen (Figs.1,15-16; Column 2, line 22- Col.4, line 65); a second input device (element 54 as mouse in fig.15) connected to said computer, said second input device differing from said first input device (Figs.1,15-16; Column 2, line 22- Col.4, line 65); an instruction set for instructing a change in a display state of the processing object area of the application program on said display screen in response to an operation of said second input device while the application is being executed by the first input device; (Figs.1,15-16; Column 7, line 26-59; Column 2, line 22- Col.4, line 65) and wherein the instruction set includes an emulator generating an instruction signal compatible with the application program executed by the computer, and wherein the instruction signal is responsive to an operation of the second input device. (Figs.1,15-16; Column 7, line 26-59; Column 2, line 22- Col.4, line 65).

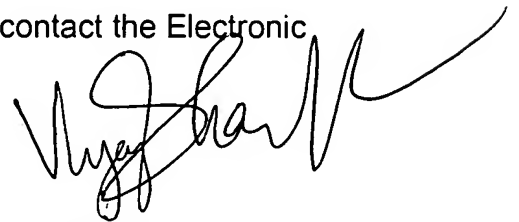
Response to Arguments

4. Applicant's arguments with respect to claims 1-30 have been considered but are moot in view of the new ground(s) of rejection.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to VIJAY SHANKAR whose telephone number is (571) 272-7682. The examiner can normally be reached on M-F 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BIPIN SHALWALA can be reached on (571) 272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



VIJAY SHANKAR
Primary Examiner
Art Unit 2673

VS